

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A discharge light-emitting device comprising:

a transparent first substrate;

at least two first electrodes formed on said first substrate in parallel while a central part to each other and configured to form a first clearance between the at least two first electrodes, the first clearance extending in a longitudinal direction of said first substrate being left as a clearance;

a transparent second substrate;

at least two second electrodes formed on said second substrate in parallel while a central part to each other and configured to form a second clearance between the at least two second electrodes, the second clearance extending in a longitudinal direction of said second substrate being left as a clearance;

a container forming sidewalls configured to form a discharge space by with said first substrate, and said second substrate being opposite to said first substrate so that said at least two first electrodes and said at least two second electrodes are opposite to each other, and sidewalls and the at least two second electrodes are inside said discharge space;

at least two first fluorescent layers formed on the a discharge space side of said first substrate in parallel to each other so as to be opposite to said at least two first electrodes while a central part and configured to form a third clearance between the at least two first fluorescent layers, the third clearance extending in the longitudinal direction of said first substrate being left as a clearance; and

at least two second fluorescent layers formed on said a discharge space side of said second substrate in parallel to each other so as to be opposite to said at least two second electrodes while a central part and configured to form a fourth clearance between the at least

two second fluorescent layers, the fourth clearance extending in the longitudinal direction of the second substrate being left as a clearance;

wherein light emitted from said at least two of first and second fluorescent layers on both sides of the ~~central part extending in longitudinal direction of the mentioned substrate~~ third and fourth clearances is reflected from an original located on a side of said second substrate opposite ~~side of~~ to the discharge space of ~~said second substrate side~~, and the reflected light passes through the ~~central part extending in longitudinal direction of said substrate~~ third and fourth clearances and reaches the a side of the first substrate opposite ~~side of~~ to the discharge space of ~~said first substrate side~~.

Claim 2 (Currently Amended): The discharge light-emitting device according to claim 1, wherein said second substrate ~~acts also~~ is configured as a glass plate ~~on the~~ having a surface ~~[[of]]~~ an which an original to be read is carried.

Claim 3 (Currently Amended): The discharge light-emitting device according to claim 1, further comprising:

at least two first dielectric layers that are formed in parallel leaving a central part to each other and configured to form a fifth clearance between the at least two first dielectric layers, the fifth clearance extending in the longitudinal direction of said first substrate as a clearance, and with which, said at least two first dielectric layers coating said at least two first electrodes are coated; and

at least two second dielectric layers that are formed in parallel leaving a central part to each other and configured to form a sixth clearance between the at least two second dielectric layers, the sixth clearance extending in the longitudinal direction of said second substrate as a

~~clearance, and with which,~~ said at least two first second dielectric layers coating said at least two second electrodes are coated.

Claim 4 (Currently Amended): The discharge light-emitting device according to claim 3, wherein said at least two first and second dielectric layers are configured as light shielding layers of which having a black color tone is black.

Claim 5 (Currently Amended): The discharge light-emitting device according to claim 3, wherein ~~clearance of the central part extending in parallel in longitudinal direction between said fluorescent layers is shorter than that of the central part extending in parallel in longitudinal direction between said fluorescent layers formed on the same substrate as said dielectric layers~~ said fifth clearance is shorter than said third clearance and said sixth clearance is shorter than said fourth clearance.

Claim 6 (Currently Amended): The discharge light-emitting device according to claim 3, wherein ~~clearance of the central part extending in parallel in longitudinal direction between said dielectric layers on said first substrate is shorter than that of the central part extending in parallel in longitudinal direction between said fluorescent layers on said second substrate~~ said fifth clearance is shorter than said fourth clearance.

Claim 7 (Currently Amended): The discharge light-emitting device according to claim 1, wherein said at least two first electrodes on said first substrate are formed on the opposite side of said discharge space on side of said first substrate opposite to said discharge space.

Claim 8 (Currently Amended): The discharge light-emitting device according to claim 1, wherein said at least two first electrodes on said first substrate are formed on the ~~side of said~~ discharge space ~~[[on]]~~ side of said first substrate.

Claim 9 (Currently Amended): The discharge light-emitting device according to claim 1, wherein said at least two second electrodes on said second substrate are formed on the ~~side of said~~ discharge space ~~[[on]]~~ side of said second substrate.

Claim 10 (Currently Amended): The discharge light-emitting device according to claim 1, wherein said at least two first electrodes on said first substrate extending in parallel are connected to each other at one end ~~thereof~~ in the longitudinal direction, thereby forming a connection part that is configured to be connected to an outside high voltage power source.

Claim 11 (Currently Amended): The discharge light-emitting device according to claim 1, wherein said at least two second electrodes on said second substrate extending in parallel are connected to each other at one end ~~thereof~~ in the longitudinal direction, thereby forming a connection part that is configured to be connected to an outside high voltage power source.

Claim 12 (Currently Amended): A discharge light-emitting device comprising:  
a transparent first substrate;  
at least two first electrodes formed on said first substrate in parallel ~~while a central~~  
~~part~~ to each other and configured to form a first clearance between the at least two first  
electrodes, the first clearance extending in a longitudinal direction of said first substrate ~~being~~  
~~left as a clearance;~~

a transparent second substrate;

at least two second electrodes formed on said second substrate in parallel ~~while a central part~~ to each other and configured to form a second clearance between the at least two second electrodes, the second clearance extending in a longitudinal direction of said second substrate ~~being left as a clearance;~~

~~a container forming~~ sidewalls configured to form a discharge space ~~by~~ with said first substrate, and said second substrate ~~being~~ opposite to said first substrate so that said at least two first electrodes and said at least two second electrodes are opposite to each other, ~~and~~ sidewalls and said at least two second electrodes are inside said discharge space;

at least two first fluorescent layers formed on ~~the~~ a discharge space side of said first substrate in parallel to each other so as to be opposite to said at least two first electrodes ~~while a central part~~ and configured to form a third clearance between the at least two first fluorescent layers, the third clearance extending in the longitudinal direction of said first substrate ~~being left as a clearance;~~ and

at least two second fluorescent layers formed on ~~the~~ a discharge space side of said second substrate in parallel to each other so as to be opposite to said at least two second electrodes ~~while a central part~~ and configured to form a fourth clearance between the at least two second fluorescent layers, the fourth clearance extending in the longitudinal direction of said second substrate ~~being left as a clearance;~~

wherein ~~clearance of a central part extending in parallel in longitudinal direction between said first fluorescent layers~~ said third clearance is shorter than ~~that of a central part extending in parallel in longitudinal direction between said second fluorescent layers~~ said fourth clearance.

Claim 13 (Currently Amended): The discharge light-emitting device according to claim 12, wherein said second substrate ~~acts also~~ is configured as a glass plate ~~on the surface~~ having a surface of ~~on~~ which an original to be read is carried.

Claim 14 (Currently Amended): A contact image sensor comprising:  
a transparent first substrate;  
at least two first electrodes formed on said first substrate in parallel ~~while a central part~~ to each other and configured to form a first clearance between the at least two first electrodes, the first clearance extending in a longitudinal direction of said first substrate ~~being left as a clearance;~~

a transparent second substrate;  
at least two second electrodes formed on said second substrate in parallel ~~while a central part~~ to each other and configured to form a second clearance between the at least two second electrodes, the second clearance extending in a longitudinal direction of said second substrate ~~being left as a clearance;~~

~~a container forming~~ sidewalls configured to form a discharge space ~~by~~ with said first substrate, and said second substrate ~~being~~ opposite to said first substrate so that said at least two first electrodes and said at least two second electrodes are opposite to each other, ~~and~~ sidewalls and said at least two second electrodes are inside said discharge space;

at least two first fluorescent layers formed on ~~the~~ a discharge space side of said first substrate in parallel to each other so as to be opposite to said at least two first electrodes ~~while a central part~~ and configured to form a third clearance between the at least two first fluorescent layers, the third clearance extending in the longitudinal direction of said first substrate ~~being left as a clearance;~~

at least two second fluorescent layers formed on ~~[[the]]~~ a discharge space side of said second substrate in parallel to each other so as to be opposite to said at least two second electrodes ~~while a central part~~ and configured to form a fourth clearance between the at least two second fluorescent layers, the fourth clearance extending in the longitudinal direction of said second substrate ~~being left clearance; and;~~

a converging lens ~~that is disposed on the opposite~~ in said first clearance on a side of the first substrate opposite to the discharge space side in the central part extending in longitudinal direction of said first substrate, and converges, said converging lens being configured to converge light reflected from ~~[[the]]~~ an original placed on said second substrate; and

a sensor ~~for detecting the~~ configured to detect light reflected from said converging lens~~[[;]].~~

wherein light emitted from said at least two first and second fluorescent layers on both sides of the ~~central part extending in longitudinal direction of said substrate~~ third and fourth clearances is reflected at ~~[[an]]~~ the original located on a side opposite ~~side of~~ to the discharge space side of said second substrate, and then the reflected light passes through the ~~central part extending in the longitudinal direction of said substrate and comes to be~~ third and fourth clearances and is converged into said converging lens ~~disposed on the opposite side of the discharge space in said first substrate.~~

Claim 15 (Currently Amended): The contact image sensor according to claim 14, wherein said second substrate ~~acts also~~ is configured as a glass plate ~~on the~~ having a surface ~~[[of]]~~ on which ~~[[an]]~~ the original to be read is carried.

Claim 16 (Currently Amended): The contact image sensor according to claim 14,  
further comprising:

at least two first dielectric layers that are formed in parallel leaving a central part to  
each other and configured to form a fifth clearance between the at least two first dielectric  
layers, the fifth clearance extending in the longitudinal direction of said first substrate as a  
clearance, and with which, said at least two first dielectric layers coating said at least two first  
electrodes are coated; and

at least two second dielectric layers that are formed in parallel leaving a central part to  
each other and configured to form a sixth clearance between the at least two second dielectric  
layers, the sixth clearance extending in the longitudinal direction of said second substrate as a  
clearance, and with which, said at least two second dielectric layers coating said second  
electrodes are coated.